Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
103	Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45 wide wooden frame all round door shutters covered with cross bounded wooden sheets (core veneer)hot pressed and fastened on both sides of the door using liquidphenol formaldehyde resin as per IS specifiaction 2202 (part -1) 1991.from manufacturere (factory) complete as per specification. 30mm thick both side commercial and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	18.90	0.00	2400.00	0	0.00	2400.00	0.00	0.00	0
104	Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45 wide wooden frame all round door shutters covered with cross bounded wooden sheets (core veneer)hot pressed and fastened on both sides of the door using liquidphenol formaldehyde resin as per IS specifiaction 2202 (part -1) 1991.from manufacturere (factory) complete as per specification. 30mm thick both side commercial and as per directions of Engineer in charge of the work (First Floor)	Sqm	18.90	0.00	2400.00	0	0.00	2400.00	0.00	0.00	0
105	providing melamine polishing of approved shade includingremoving and refixing of doors shutters, glass, beading andexisting polishing scraping with blade and rubbing with zero size sand paper and applying sealer coat by way of spraying with necessary compressor and applying patty after rubbing with steel wool including two coats of approved shade of melamine polish etc., complete	Sqm	12.96	0.00	1000.00	0	0.00	1000.00	0.00	0.00	0
106	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.	Sqm	42.12	0.00	100.00	0	0.00	100.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
107	Providing and fixing Single shutter glass door of 12mm thick plain toughened glass (Saint Gobain, Modi float). The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries,and as per specification.	Sqm	3.78	0.00	13500.00	0	0.00	13500.00	0.00	0.00	0
108	12mm thick plain toughened glass.	Sqm	31.72	0.00	2700.00	0	0.00	2700.00	0.00	0.00	0
109	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester	Sqm	33.30	0.00	4950.00	0	0.00	4950.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
110	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester	Sqm	7.38	0.00	5000.00	0	0.00	5000.00	0.00	0.00	0
111	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor) Qty upto 125%	kgs	680.40	850.50	110.00	93555	0.00	110.00	0.00	850.50	93555
	Qty Above 125%			204.75	98.41	20149	0.00	98.41	0.00	204.75	20149
112	Providing and installing of Self Supporting structure for roofing	Sqm	1423.80	0.00	4000.00	0	1293.62	4000.00	5174464.00	1293.62	5174464
113	Providing and fixing ROCK wool resin bonded rock wool slab having density 48 kgs/cum for under deck insulation of roofing including necessary fasteners, GI wire & mesh etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM of machinaries, scaffolding etc., complete	Sqm	1423.80	0.00	700.00	0	0.00	700.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
114	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	8.43	0.00	7000.00	0	0.00	7000.00	0.00	0.00	0
115	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Sqm	7.83	0.00	7000.00	0	0.00	7000.00	0.00	0.00	0
116	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	Sqm	7.83	0.00	7000.00	0	0.00	7000.00	0.00	0.00	0
117	Providing and fixing Badminton Poles and net	Nos	6.00	0.00	15000.00	0	0.00	15000.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
118	Providing and fixing of Aluminium composite panel of approved makeSqm 4,943.00and colour for wall cladding for straight Brick/Rcc/stone walls &coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm C section or equalent. The panel shouldconsist of 2.5 mm thermoplastic core of antitoxic LDPE sandwichedbetween 0.25 skins thickaluminium sheet making a total panel thicknessof 3mm. The surfaces will be finished with PVDF based coating ontopsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleatsand stainless steel bolts and nuts complete with spring washer and capnuts and all other necessary accessories, sealing shall be done using weather sealant necessary rods etc., complete and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	92.04	0.00	5800.00	0	0.00	5800.00	0.00	0.00	0
119	Providing and fixing of Aluminium composite panel of approved makeSqm 4,943.00and colour for wall cladding for straight Brick/Rcc/stone walls &coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm C section or equalent. The panel shouldconsist of 2.5 mm thermoplastic core of antitoxic LDPE sandwichedbetween 0.25 skins thickaluminium sheet making a total panel thicknessof 3mm. The surfaces will be finished with PVDF based coating ontopsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleatsand stainless steel bolts and nuts complete with spring washer and capnuts and all other necessary accessories, sealing shall be done using weather sealant necessary rods etc., complete and as per directions of Engineer in charge of the work (First Floor)	Sqm	441.00	0.00	5800.00	0	0.00	5800.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto Date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
120	Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/ mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coatedocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	92.04	0.00	5800.00	0	0.00	5800.00	0.00	0.00	0
121	Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/ mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coatedocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete.	Sqm	540.00	0.00	6346.00	0	0.00	6346.00	0.00	0.00	0
122	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications	Sqm	88.56	0.00	100.00	0	0.00	100.00	0.00	0.00	0
123	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. (upto 125%)	Cum	812.58	1015.73	100.00	101573	0.00	100.00	0.00	1015.73	101573
	Above 125%			694.33	88.21	61246	0.00	88.21	0.00	694.33	61246

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
124	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.	Sqm	11.88	0.00	3300.00	0	0.00	3300.00	0.00	0.00	0
125	Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications.	Nos	4.00	0.00	280.00	0	0.00	280.00	0.00	0.00	0
126	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW	1	1.00	2000.00	2000	0.00	2000.00	0.00	1.00	2000

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total Upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
127	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr	50.00	50.00	315.00	15750	0.00	315.00	0.00	50.00	15750
128	50 to 100 m	Rmtr	50.00	50.00	412.00	20600	0.00	412.00	0.00	50.00	20600
129	100 to 150 m	Rmtr	50.00	50.00	458.00	22900	0.00	458.00	0.00	50.00	22900
130	150 to 200 m	Rmtr	50.00	50.00	484.00	24200	0.00	484.00	0.00	50.00	24200
131	200 to 250 m	Rmtr	50.00	50.00	560.00	28000	0.00	560.00	0.00	50.00	28000
132	250 to 300 m	Rmtr	50.00	50.00	600.00	30000	0.00	600.00	0.00	50.00	30000
133	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	70.00	70.00	1400.00	98000	0.00	1400.00	0.00	70.00	98000
134	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr	18.00	18.00	1100.00	19800	0.00	1100.00	0.00	18.00	19800
135	Providing and fixing 175mm Borewell Cap with clamp Set H/D,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1.00	1.00	100.00	100	0.00	100.00	0.00	1.00	100

Ref no	Description of work	Unit	BOQ Qnty	Previous			Present			Total upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
136	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP 20 stage	No	1	1.00	60400.00	60400	0.00	60400.00	0.00	1.00	60400
137	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	260	260.00	431.00	112060	0.00	431.00	0.00	260.00	112060
138	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	540.00	540.00	128.00	69120	0.00	128.00	0.00	540.00	69120
139	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)etc., complete and as per the directions of the Engineer-in-charge of the work	per Length	130.00	130.00	88.00	11440	0.00	88.00	0.00	130.00	11440

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Cumulative	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
140	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1.00	1.00	302.00	302	0.00	302.00	0.00	1.00	302
141	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	30	30.00	141.00	4230	0.00	141.00	0.00	30.00	4230
142	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	30.00	30.00	11.00	330	0.00	11.00	0.00	30.00	330
143	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	25.00	25.00	90.00	2250	0.00	90.00	0.00	25.00	2250
144	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	4.00	4.00	450.00	1800	0.00	450.00	0.00	4.00	1800
145	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1.00	1.00	350.00	350	0.00	350.00	0.00	1.00	350

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
146	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	1	1.00	3500.00	3500	0.00	3500.00	0.00	1.00	3500
147	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	6	6.00	195.00	1170	0.00	195.00	0.00	6.00	1170
148	Providing and fixing in position **50mm** nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	1	1.00	1700.00	1700	0.00	1700.00	0.00	1.00	1700
149	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	1	1.00	450.00	450	0.00	450.00	0.00	1.00	450
150	SSupplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour etc., complete and as per the directions of the Engineer-in-charge of the work	No	4	4.00	110.00	440	0.00	110.00	0.00	4.00	440

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
151	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	1	1.00	1600.00	1600	0.00	1600.00	0.00	1.00	1600
152	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	23400	23400.00	0.33	7722	0.00	0.33	0.00	23400.00	7722
153	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each	1.00	1.00	7000.00	7000	0.00	7000.00	0.00	1.00	7000
154	Earthwork excavation for pipeline foundation including deporiting or bank up to a depth of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	113	112.50	190.00	21375	0.00	190.00	0.00	112.50	21375

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Cumulative upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
155	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	250.00	250.00	160.00	40000	0.00	160.00	0.00	250.00	40000
156	Refilling the bumont and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrswith all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	112.50	112.50	62.00	6975	0.00	62.00	0.00	112.50	6975
157	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each	3.00	3.00	2300.00	6900	0.00	2300.00	0.00	3.00	6900
158	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work	Mtr	2350	0.00	450.00	0	0.00	450.00	0.00	0.00	0
159	25mm dia 2mm thick	Mtr	950	0.00	60.00	0	0.00	60.00	0.00	0.00	0
160	32mm dia 2.5mm thick	Mtr	200	0.00	90.00	0	0.00	90.00	0.00	0.00	0
161	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall	Mtr	372	0.00	22.00	0	0.00	22.00	0.00	0.00	0
162	upto 50mm conduit CC floor	Mtr	20	0.00	40.00	0	0.00	40.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Upto date		
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
163	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required. 25mm	Mtr	50	0.00	30.00	0	0.00	30.00	0.00	0.00	0	
164	32mm	Mtr	50	0.00	40.00	0	0.00	40.00	0.00	0.00	0	
165	Supplying PVC/GI flexible conduit pipe...mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely 25mm complete and as per the directions of the Engineer-in-charge of the work	Mtr	200	0.00	32.00	0	0.00	32.00	0.00	0.00	0	
166	Supplying And Fixing Metal Fan Box with Round Hook.	No	23	0.00	95.00	0	0.00	95.00	0.00	0.00	0	
167	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A. Short point upto 3Mtr from tapping point to out let via switch box	Point	5	0.00	150.00	0	0.00	150.00	0.00	0.00	0	
168	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Point	25	0.00	230.00	0	0.00	230.00	0.00	0.00	0	
169	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box	Point	57	0.00	350.00	0	0.00	350.00	0.00	0.00	0	
170	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches	Point	5	0.00	450.00	0	0.00	450.00	0.00	0.00	0	
171	Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box	Point	18	0.00	600.00	0	0.00	600.00	0.00	0.00	0	
172	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS: 694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm	Mtr.	5750	0.00	19.00	0	0.00	19.00	0.00	0.00	0	
173	2.5 sqmm	Mtr.	3200	0.00	30.00	0	0.00	30.00	0.00	0.00	0	
174	4 sqmm	Mtr.	650	0.00	43.00	0	0.00	43.00	0.00	0.00	0	
175	6 sqmm	Mtr.	150	0.00	65.00	0	0.00	65.00	0.00	0.00	0	
176	10 sqmm	Mtr.	450	0.00	110.00	0	0.00	110.00	0.00	0.00	0	

Item no	Description of work	Unit	BOQ Qnty	Previous Qnty	Previous Rate	Previous Amount	Present Qnty	Present Rate	Present Amount	Total Upto date Qnty	Total Upto date Amount
177	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way	Each	17	0.00	92.00	0	0.00	92.00	0.00	0.00	0
178	6Way	Each	9	0.00	135.00	0	0.00	135.00	0.00	0.00	0
179	8Way	Each	26	0.00	150.00	0	0.00	150.00	0.00	0.00	0
180	10-12Way	Each	9	0.00	160.00	0	0.00	160.00	0.00	0.00	0
181	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module	Each	17	0.00	110.00	0	0.00	110.00	0.00	0.00	0
182	6 Module	Each	9	0.00	180.00	0	0.00	180.00	0.00	0.00	0
183	8 Module	Each	26	0.00	200.00	0	0.00	200.00	0.00	0.00	0
184	12 Module	Each	9	0.00	270.00	0	0.00	270.00	0.00	0.00	0
185	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way.	Each	210	0.00	65.00	0	0.00	65.00	0.00	0.00	0
186	6Amps Two way.	Each	4	0.00	90.00	0	0.00	90.00	0.00	0.00	0
187	6Amps 3way socket.	Each	32	0.00	97.00	0	0.00	97.00	0.00	0.00	0
188	Stepped Fan Regulator.	Each	23	0.00	290.00	0	0.00	290.00	0.00	0.00	0
189	16Amps one way switch	Each	10	0.00	118.00	0	0.00	118.00	0.00	0.00	0
190	6/16Amps universal socket	Each	10	0.00	150.00	0	0.00	150.00	0.00	0.00	0
191	TV/Telephone socket	Each	1	0.00	83.00	0	0.00	83.00	0.00	0.00	0
192	RJ45/ I.O. outlet	Each	1	0.00	205.00	0	0.00	205.00	0.00	0.00	0
193	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.	No	750	0.00	7.00	0	0.00	7.00	0.00	0.00	0
194	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 15Watts 230V CFL lamp.	Each	12	0.00	970.00	0	0.00	970.00	0.00	0.00	0
195	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply.	Each	4	0.00	650.00	0	0.00	650.00	0.00	0.00	0

S/No	Description of work	Unit	BOQ Qnty	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
196	LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts complete and as per the directions of the Engineer-in-charge of the work	Each	225	0.00	1800.00	0	0.00	1800.00	0.00	0.00	0
197	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.	No	25	0.00	1900.00	0	0.00	1900.00	0.00	0.00	0
198	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition.	No	40	0.00	5000.00	0	0.00	5000.00	0.00	0.00	0
199	60W highbay LED linear type light fixture make-crompton ,model -LHBL60CDL	No	80	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0
200	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 100Amps	Each	6	0.00	400.00	0	0.00	400.00	0.00	0.00	0
201	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. 100-125Amps	Each	1	0.00	6800.00	0	0.00	6800.00	0.00	0.00	0

Item no	Description of work	Unit	BOQ Qnty	Previous			Present			Total upto date	
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
202	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 125-160Amps 25kA.	Each	2	0.00	7500.00	0	0.00	7500.00	0.00	0.00	0
203	Supplying and fixing of Shunt trip suitable for MCCB.CBCT.	Each	3	0.00	1500.00	0	0.00	1500.00	0.00	0.00	0
204	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP	Each	85	0.00	420.00	0	0.00	420.00	0.00	0.00	0
205	40-63Amps DP	Each	6	0.00	1100.00	0	0.00	1100.00	0.00	0.00	0
206	40-63Amps TPN	Each	6	0.00	1100.00	0	0.00	1100.00	0.00	0.00	0
207	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 12Way SP &N	Each	6	0.00	1700.00	0	0.00	1700.00	0.00	0.00	0
208	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 4Way TP &N	Each	2	0.00	2400.00	0	0.00	2400.00	0.00	0.00	0
209	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. 32-40 Amps 2 pole	Each	6	0.00	2700.00	0	0.00	2700.00	0.00	0.00	0
210	32-40 Amps 4 pole	Each	1	0.00	2950.00	0	0.00	2950.00	0.00	0.00	0
211	63 Amps 4 pole	Each	1	0.00	3350.00	0	0.00	3350.00	0.00	0.00	0
212	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board.	Each	1	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0

no	Description of work	Unit	BQ Qnty	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
213	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.	Each	1	0.00	390.00	0	0.00	390.00	0.00	0.00	0
214	Supplying, fixing and wiring 0 to 100amps Direct Reading AC analog type Ammeter	Each	1	0.00	452.00	0	0.00	452.00	0.00	0.00	0
215	Supplying, fixing and wiring rotary selector switch suitable for Ammeter.	Each	1	0.00	172.00	0	0.00	172.00	0.00	0.00	0
216	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter.	Each	1	0.00	150.00	0	0.00	150.00	0.00	0.00	0
217	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.	Each	1	0.00	8000.00	0	0.00	8000.00	0.00	0.00	0
218	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.	Each	3	0.00	442.00	0	0.00	442.00	0.00	0.00	0
219	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminum Strips	Mtr	2	0.00	2135.00	0	0.00	2135.00	0.00	0.00	0
220	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm	Mtr	8	0.00	263.00	0	0.00	263.00	0.00	0.00	0
221	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 14SWG	sq.cms	150000	0.00	0.37	0	0.00	0.37	0.00	0.00	0

Sr. No	Description of work	Unit	BOQ Qnty	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
222	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	No	4	0.00	2727.00	0	0.00	2727.00	0.00	0.00	0
223	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	No	4	0.00	4317.00	0	0.00	4317.00	0.00	0.00	0
224	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip 25x3mm	Mtr	50	0.00	77.00	0	0.00	77.00	0.00	0.00	0
225	600x600x3mm GI Plate	Each	8	0.00	784.00	0	0.00	784.00	0.00	0.00	0
226	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm Copper strip 25x3mm	Mtr	50	0.00	523.00	0	0.00	523.00	0.00	0.00	0
227	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 10 sqmm	Mtr	30	0.00	118.00	0	0.00	118.00	0.00	0.00	0
228	4 core 16 sqmm	Mtr	25	0.00	140.00	0	0.00	140.00	0.00	0.00	0
229	3.5 core 95 sqmm	Mtr	150	0.00	445.00	0	0.00	445.00	0.00	0.00	0